

Headquarters U.S. Air Force

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Air Force Safety Update



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Air Force Chief of Safety &
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1 April 2008

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Overview

- **FY08 Concerns**
- **Best Practices**
- **Scope**





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FY 08 Aviation Concerns



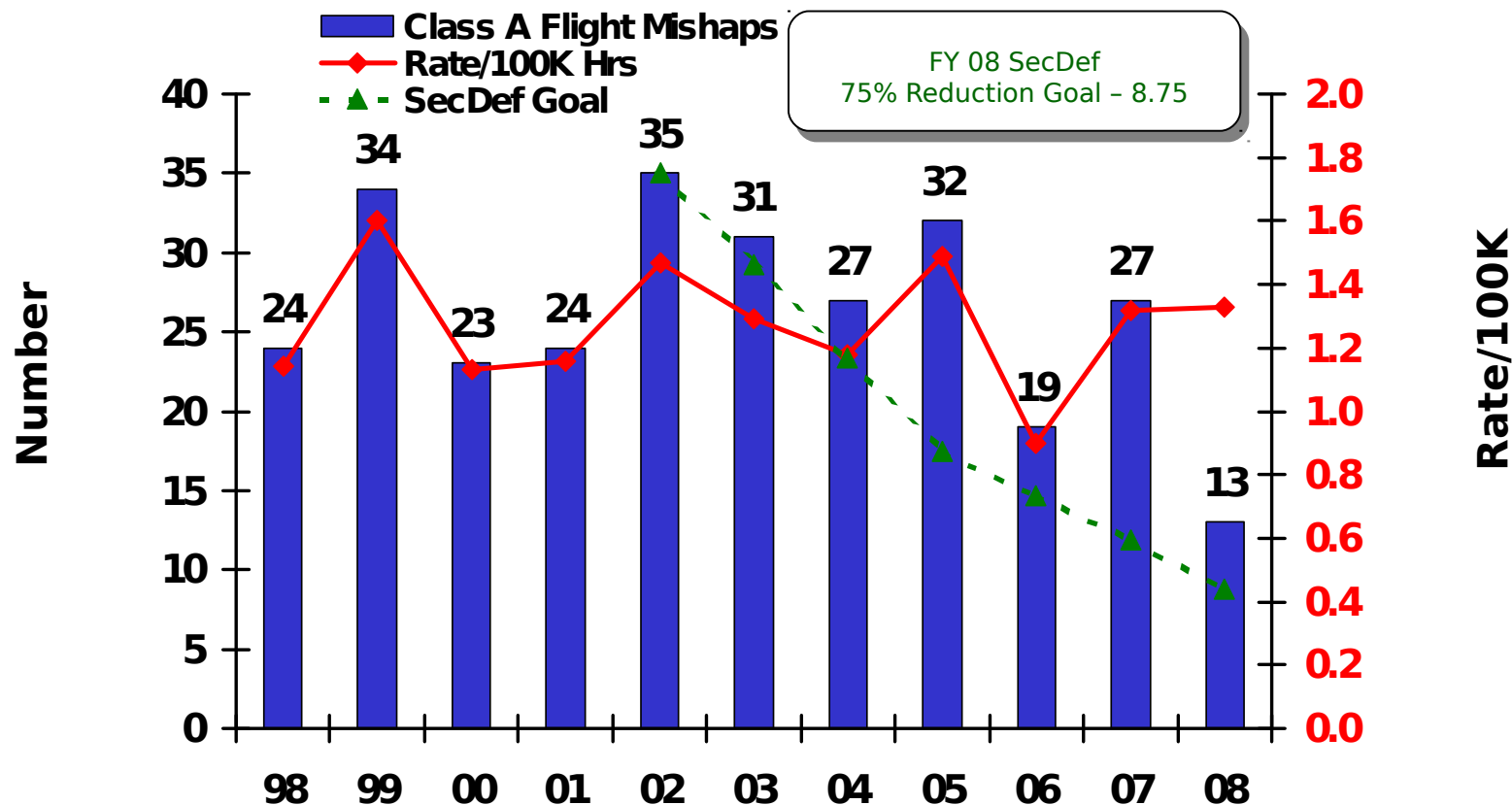
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Class A Flight Mishaps FY 08 (thru 27 Mar 08)



Last Class A: 19 Mar 08, KC-10A #3 Engine Damage

Class A Flight Mishaps / Class A Rate to Date: 13 / 1.33
10-Year Avg (FY 98-07) Class A Mishaps / Mishap Rate: 27.6 / 1.27



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Individual Aircraft Class A Mishaps through 27 March 08

Date	Type	#Fatal	Location	Description
1 Nov	F-22A	0	Nellis	#2 engine FOD discovered during post flight walk around
2 Nov	F-15C*	0	St Louis	Crashed on trng mission. Pilot safely ejected. Minor Injuries
12 Nov	KC-10A	0	Singapore	#2 Engine compressor stalled, rotor/stator damage, no injuries
20 Nov	E-8C	0	Qatar	Hard landing, unknown if destroyed, no fatalities
28 Nov	T-6*	0	Columbus	Midair btw 2 T-6, both crews ejected OK, both A/C destroyed
29 Nov	HH60G	0	Kandahar	Hard landing, brown out, FLIR & radome dmg, no injuries
17 Dec	C-17A	0	Hawaii	#2 eng oil pressure loss after landing, taxi to park, no injuries
15 Jan	F-16C*	0	Florida	Crashed into the ocean and was destroyed. Pilot ejected safely
1 Feb	F-15D*	0	Hawaii	Crashed into the ocean and was destroyed, pilot ejected safely
20 Feb	F-15C*	1	Florida	Midair btw 2 F-15, both crews ejected, 1 fatal, both a/c destroyed
23 Feb	B-2A*	0	Guam	B-2 crashed during T/O, both pilots ejected OK, no fatalities
14 Mar	F-16*	1	Arizona	Aircraft impacted the ground, 1 fatal
19 Mar	KC-10A	0	New Jersey	IFSD; #3 eng loss of oil

* Indicates Destroyed Aircraft

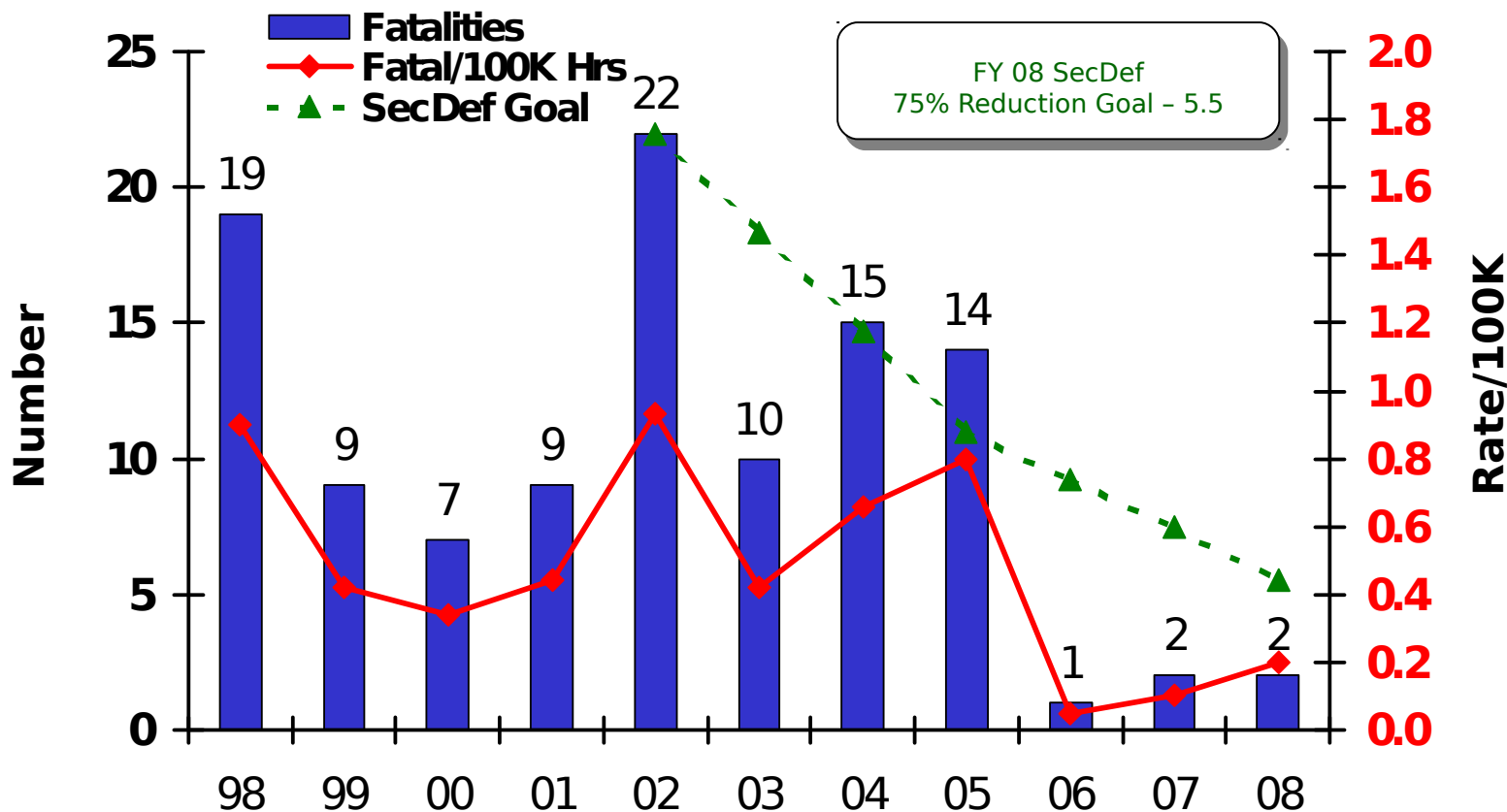


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Aviation-Related Fatalities

FY 08 (thru 27 Mar 08)



Last USAF Aviation-Related Fatality 14 Mar 08, F-16 (Luke AFB, AZ)

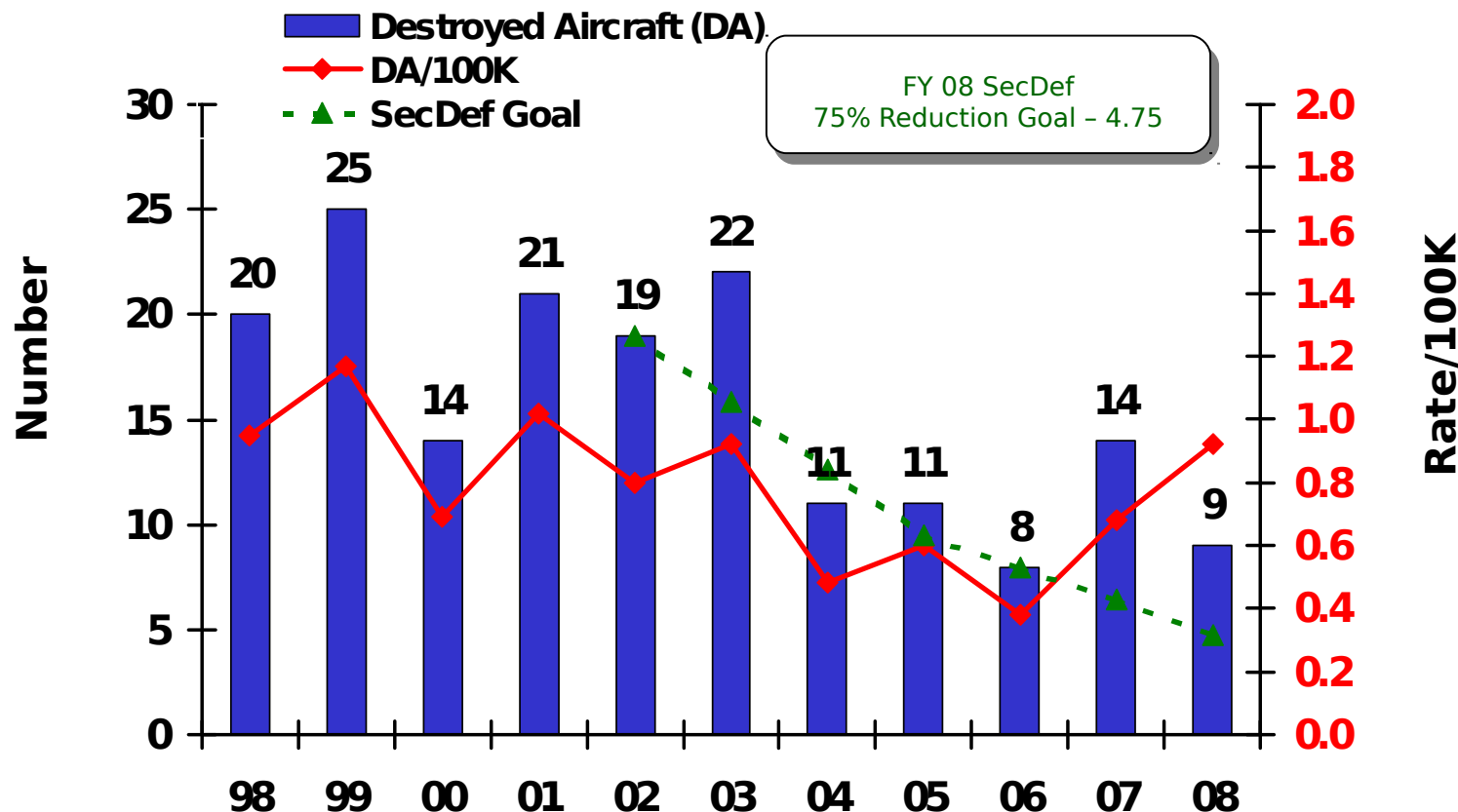
	<u>FY 08</u>	<u>FY 07</u>
Aviation Fatalities / Fatal Rate to Date:	2 / 0.2	0 / 0
10-Year Avg (FY 98-07) Annual Fatalities / Fatal Rate:	10.8 / 0.50	



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Destroyed USAF Aircraft FY 08 (thru 27 Mar 08)



Last Destroyed Aircraft: 14 Mar 08, F-16 impacted the ground, 1 fatality

FY 08 **FY 07**
Destroyed Aircraft / Rate to Date: 9 / 0.92 8 / 0.82
10-Year Avg (FY 98-07) Annual Destroyed Aircraft / Rate:
16.5 / 0.76



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FY 08 Ground Concerns



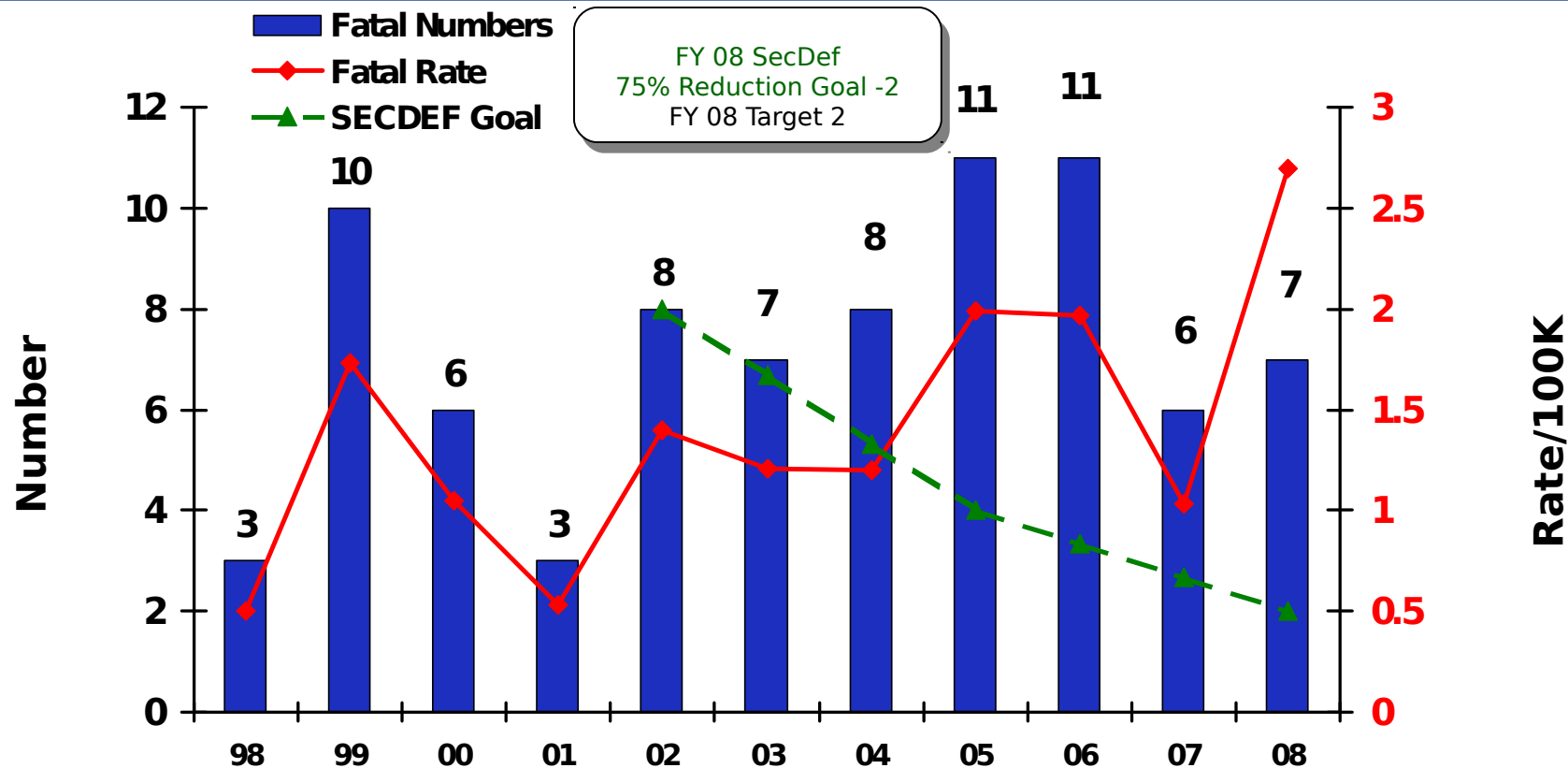
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On-Duty Ground Fatalities

FY 08 (thru 27 Mar 08)

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Last On-duty fatality was 3 Mar

07FY 08FY

Ground Fatalities / Fatal Rate to Date: **7 / 2.70** **4 / 1.39**
10-year Average (FY 98-07) Fatalities / Fatal Rate: **7.3 / 1.26**

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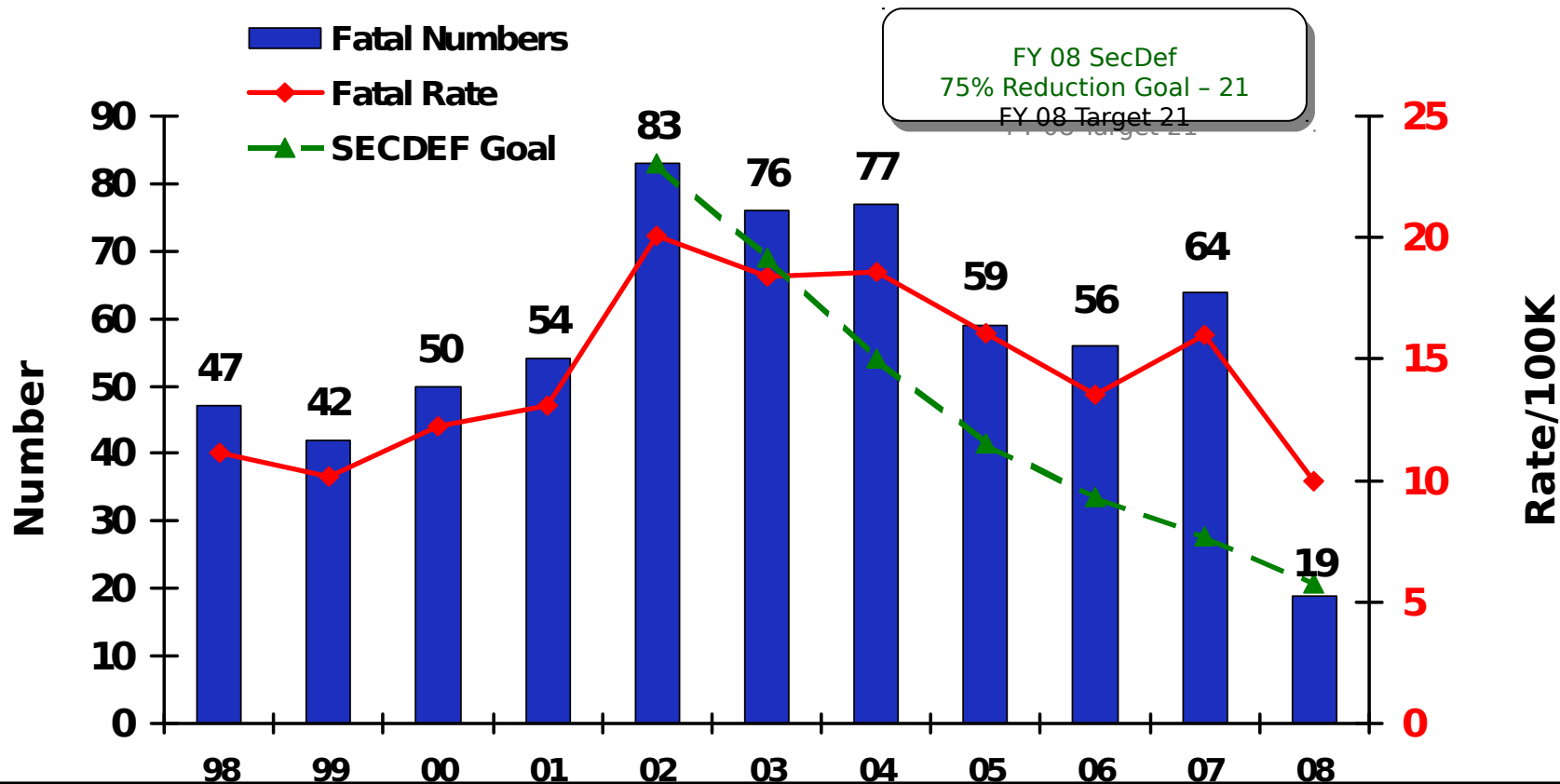


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Off-Duty Ground Fatalities

FY 08 (thru 27 Mar 08)



Last Off-duty fatality was 20 Mar

FY 07

Ground Fatalities / Fatal Rate to Date: **19 / 10.00** **30 / 15.19**

10-year Average (FY 98-07) Fatalities / Fatal Rate: **60.8 / 14.75**

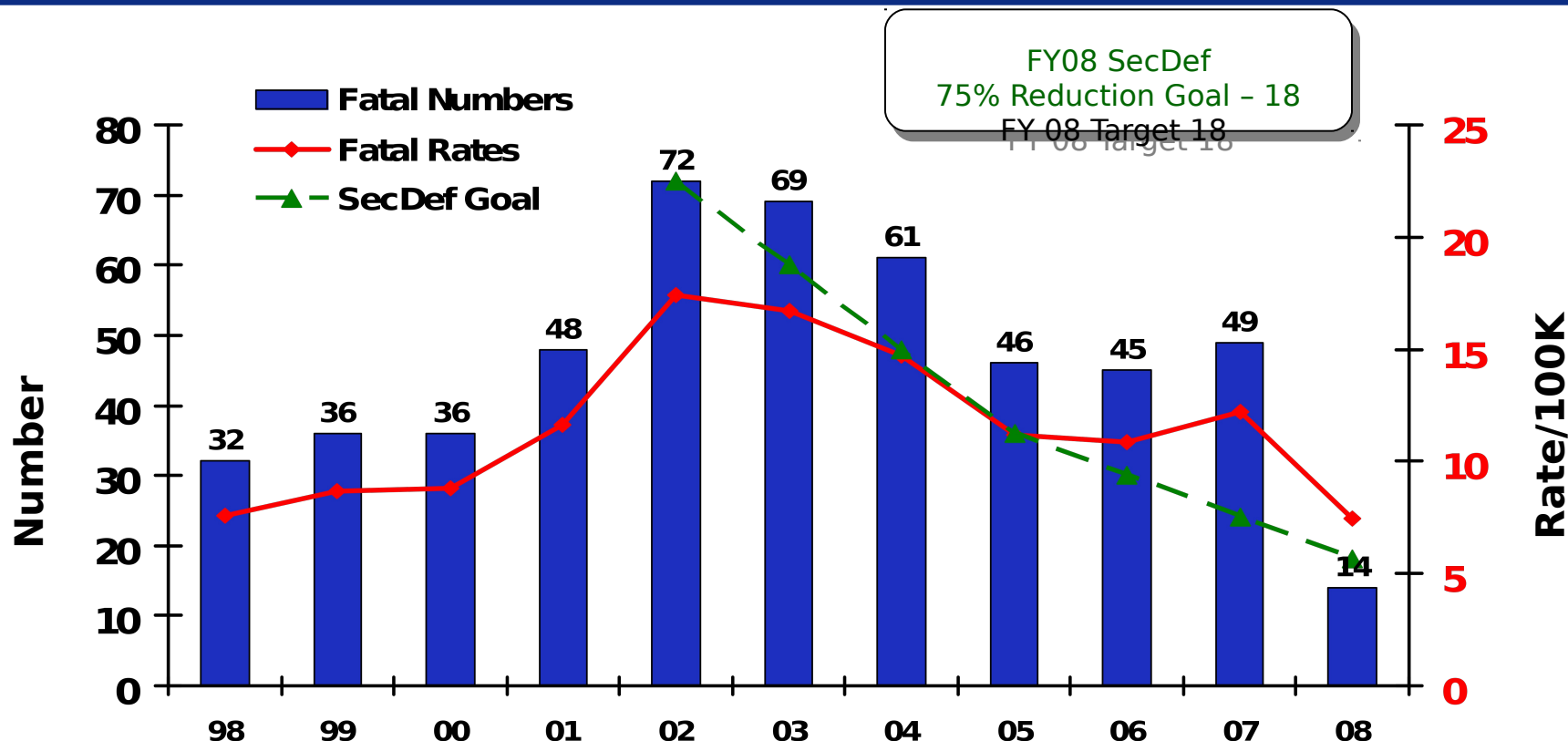


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Off-Duty PMV Fatalities

FY 08 (thru 25 Mar 08)



Last PMV-4 was 15 Feb 08
Last PMV-2 was 2 Mar 08

07

PMV Fatalities / Fatal Rate to Date: **14 / 7.45 24 / 12.29**

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate: **49.4 / 11.99**

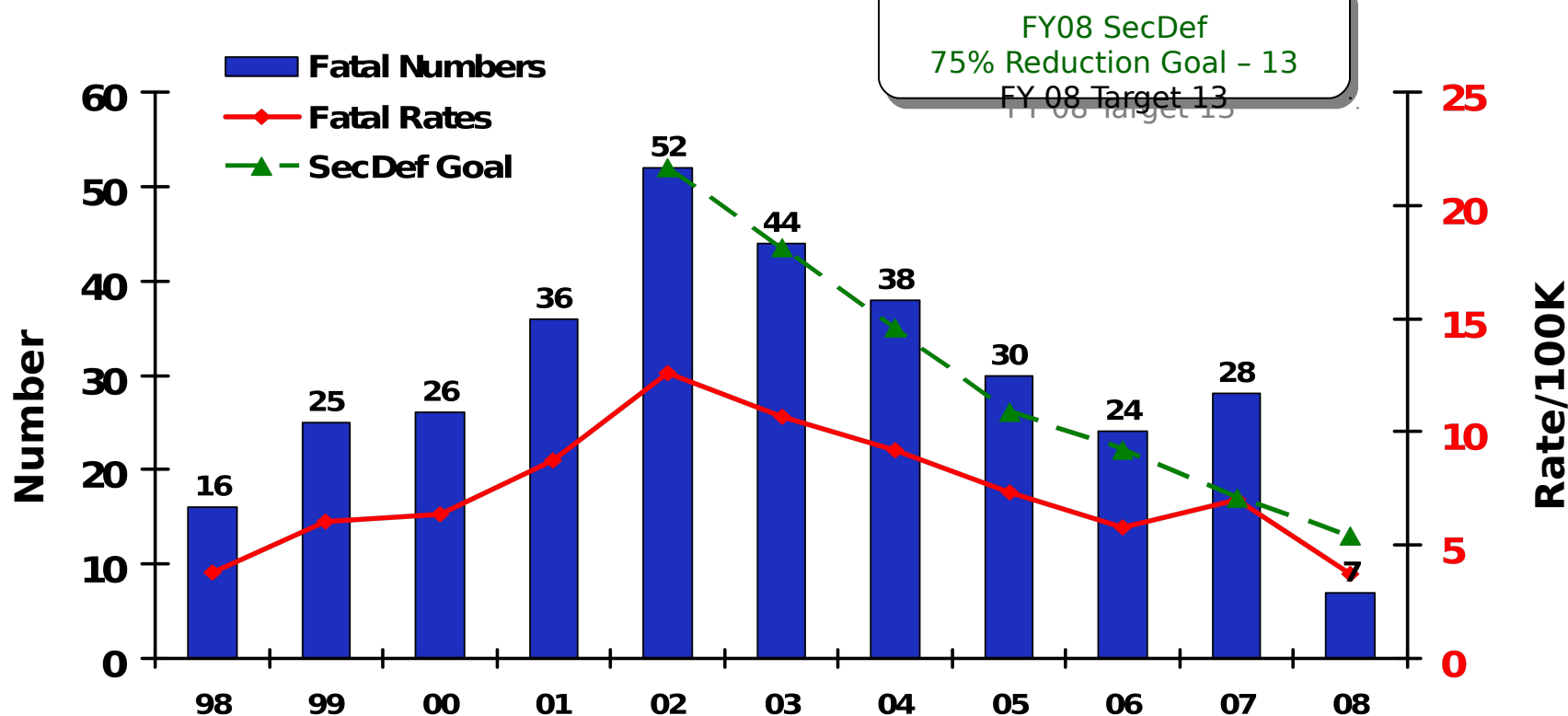


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Off-Duty PMV-4 Fatalities

FY 08 (thru 25 Mar 08)



Last PMV-4 was 2 Feb 08

07

PMV Fatalities / Fatal Rate to Date:

7 / 3.72 17 /

8.71

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate:

31.9 /

7.74

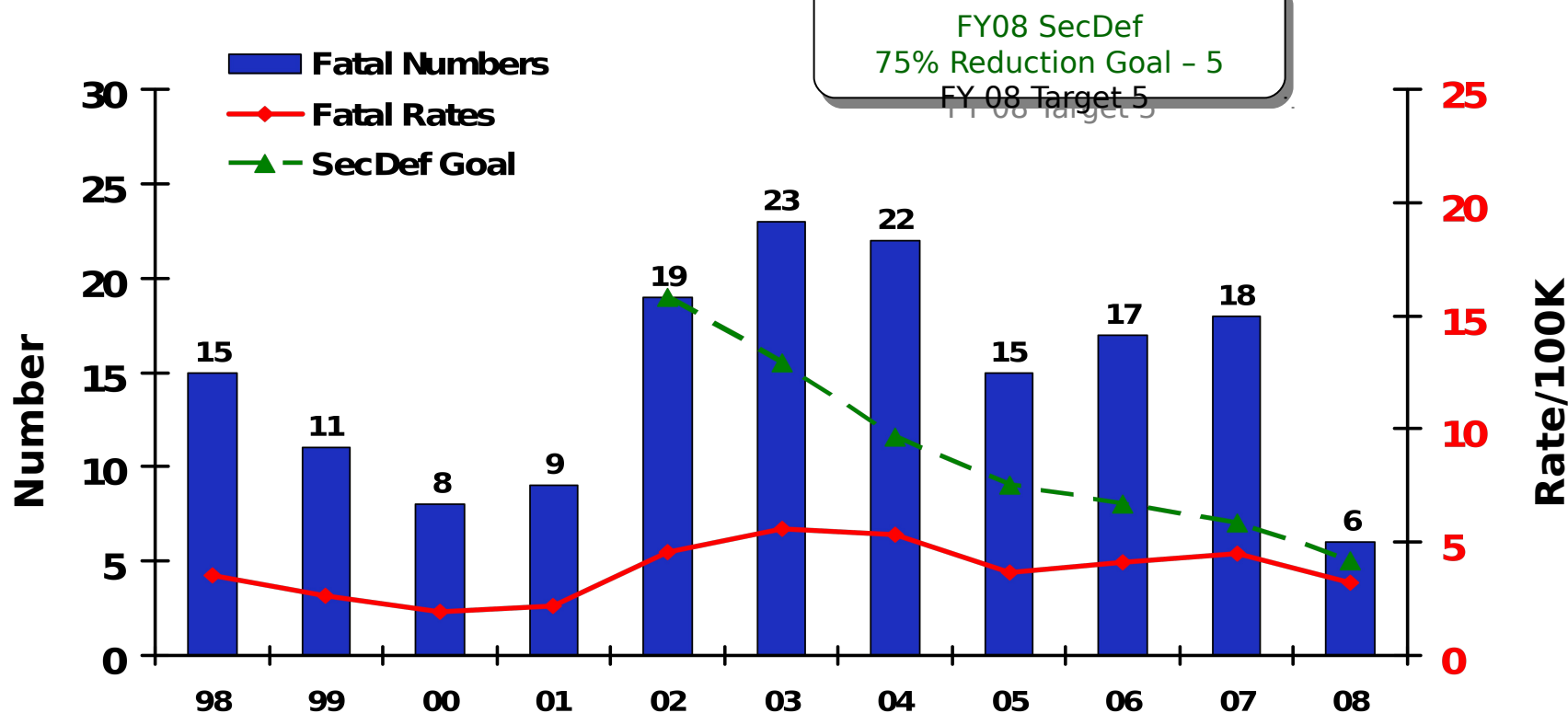


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Off-Duty PMV-2 Fatalities

FY 08 (thru 25 Mar 08)



Last off-duty PMV-2 was 2 Mar 08

07

PMV Fatalities / Fatal Rate to Date: **6 / 3.19**
5 / 2.56

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate: **15.7 / 3.80**



PMV Challenges/Solutions

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Challenges:

- ***We continue to lose most of our people in PMV mishaps***
- ***How to reach the 18-26 year group?***

Solutions:

- ***101 Days of Summer Strategic Campaign at AF level targeting PMV—ready to partner with other services***
- ***Comprehensive PMV Strategic Campaign***
 - ***Commander's Tool Box***
 - ***Air Force Focus Group to target 18-26 year olds***
 - ***Targeted analysis and prevention at AF and Joint levels***
 - ***Human Factors integral to success in the campaign***



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Best Practice - BASH Campaign

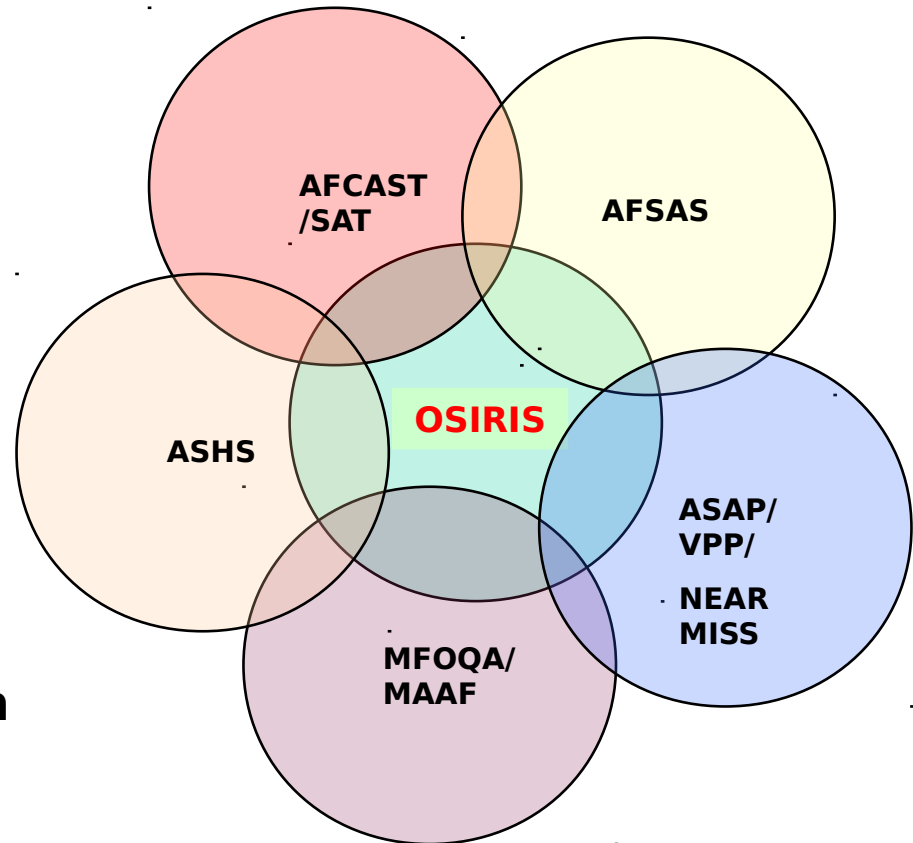
- **Multi-pronged approach on our Bird/Wildlife Animal Strike Hazard prevention program**
- **Targets users through awareness and education**
- **Utilize websites and magazines to spotlight “best practices”**
- **Fund targeted BASH SAVs during peak wildlife activity periods**
- **Joint Service participation—how can we help?**



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Best Practice - Operational Safety, Integrated Risk Information System (OSIRIS)

- **MFOQA - Military FOQA**
- **MAAF - Mishap Analysis and Animation Facility**
- **ASAP - anonymous reporting system**
- **VPP - Voluntary Protection Program**
- **AFSAS - AF Safety reporting system**
- **AFCAST/SAT - Cultural & Material Hazard Assessment Tools**
- **ASHS—Assessment System for Hazard Surveys**



Connecting all IT systems to provide world class safety tools

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AF/SE's Radar





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Questions?



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